

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ivan V. MENDENHALL  
David W. PARKINSON

Title: POROUS IGNITER COATING FOR USE IN  
AUTOMOTIVE AIRBAG INFLATORS

Express Mail No.: EV413563788US

Date of Deposit: 02 December 2003

**FIRST INFORMATION DISCLOSURE STATEMENT**

**Mail Stop PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with Rules 1.56 and 1.98, References AA and AB (page 1 of 3) listed on Form PTO-1449 are cited and discussed on Page 6 of the referenced patent application and are brought to the attention of the Examiner as being possibly material to examination of this application.

References AC-AK (page 1 of 3) listed on the attached Form PTO-1449 were cited during prosecution of the patent applications listed below, which are relied upon for an earlier filing date under 35 U.S.C. 120:

Title: POROUS IGNITER FOR AUTOMOTIVE  
AIRBAG APPLICATIONS  
Applicant(s): Ivan V. MENDENHALL et al.  
Serial No.: 10/313,819  
Filing Date: 06 December 2002  
Attorney Docket No.: AAI-14241

Express Mail No.: EV413563788US

Title: GAS GENERANT IGNITER COATING  
MATERIALS AND METHODS  
Applicant(s): Ivan V. MENDENHALL et al.  
Serial No.: 10/359,962  
Filing Date: 06 February 2003  
Attorney Docket No.: AAI-14196

and are hereby brought to the attention of the Examiner as possibly being material to examination of the subject application.

Copies of these references are not enclosed as they are contained in the file of the related parent application.

The remaining references listed on Form PTO-1449 are also brought to the attention of the Examiner as being possibly material to examination of this application.

In accordance with the U.S. Patent and Trademark Office waiver of Rule 37 C.F.R. 1.98(a)(2)(I)[OG Notices 05 August 2003], copies of the U.S. patents cited on Form PTO-1449 are not enclosed.

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Form PTO-1449 (3 pages) is enclosed with copies of foreign patent references AL-AO (page 1 of 3) cited on Form PTO-1449.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Nick C. Kottis".

Nick C. Kottis  
Registration No. 31,974

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|------------------------------------|--|---|------------|
| <b>FORM PTO-1449</b><br>(MODIFIED) | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>AAI-14304             | SERIAL NO. |
|                                    |  | APPLICANT(S)<br>Ivan V. MENDENHALL et al. |            |
|                                    |  | FILING DATE                               | GROUP      |

**LIST OF PRIOR ART CITED BY APPLICANT**  
 (Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME              | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|---------|-------------------|-------|----------|-------------------------------|
|                      | AA | 6,077,372       | 06/2000 | Mendenhall et al. |       |          |                               |
|                      | AB | 6,527,297       | 03/2003 | Parkinson et al.  |       |          |                               |
|                      | AC | 3,954,062       | 05/1976 | Dunlop et al.     |       |          |                               |
|                      | AD | 4,758,287       | 07/1988 | Pietz             |       |          |                               |
|                      | AE | 4,817,828       | 04/1989 | Goetz             |       |          |                               |
|                      | AF | 4,846,368       | 07/1989 | Goetz             |       |          |                               |
|                      | AG | 5,230,841       | 07/1993 | Redecker et al.   |       |          |                               |
|                      | AH | 5,253,584       | 10/1993 | Allford           |       |          |                               |
|                      | AI | 6,086,693       | 07/2000 | Mendenhall et al. |       |          |                               |
|                      | AJ | 6,165,296       | 12/2000 | Mendenhall et al. |       |          |                               |
|                      | AK | 6,340,175       | 01/2002 | Hughes et al.     |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER | DATE    | COUNTRY       | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-----------------|---------|---------------|-------|----------|-------------|----|
|  |    |                 |         |               |       |          | YES         | NO |
|  | AL | GB 1 340 002    | 12/1973 | Great Britain |       |          |             |    |
|  | AM | EP 0 968 986 A1 | 01/2000 | EPO           |       |          |             |    |
|  | AN | WO 99/08983     | 02/1999 | PCT           |       |          |             |    |
|  | AO | WO 00/00365     | 01/2000 | PCT           |       |          |             |    |
|  | AP |                 |         |               |       |          |             |    |

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

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FORM PTO-1449  
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AAI-14304

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APPLICANT(S)

Ivan V. MENDENHALL et al.

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|----------------------|----|-----------------|---------|-------------------|-------|----------|-------------------------------|
|                      | AA | 3,198,677       | 08/1965 | Thomas            |       |          |                               |
|                      | AB | 3,619,306       | 11/1971 | Berthmann         |       |          |                               |
|                      | AC | 3,770,662       | 11/1973 | Hennessy et al.   |       |          |                               |
|                      | AD | 4,107,102       | 08/1978 | Dahm et al.       |       |          |                               |
|                      | AE | 4,777,188       | 10/1988 | Hunter et al.     |       |          |                               |
|                      | AF | 4,806,180       | 02/1989 | Goetz et al.      |       |          |                               |
|                      | AG | 5,051,143       | 09/1991 | Goetz             |       |          |                               |
|                      | AH | 5,109,772       | 05/1992 | Cunningham et al. |       |          |                               |
|                      | AI | 5,351,619       | 10/1994 | Chan et al.       |       |          |                               |
|                      | AJ | 5,415,932       | 05/1995 | Bishop et al.     |       |          |                               |
|                      | AK | 5,518,807       | 05/1996 | Chan et al.       |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

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|  | AL |                 |      |         |       |          |             |    |
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| *EXAMINER<br>INITIAL  |    | DOCUMENT NUMBER | DATE    | NAME            | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|                       | AA | 5,721,392       | 02/1998 | Chan et al.     |       |          |                               |
|                       | AB | 5,898,126       | 04/1999 | Yoshida         |       |          |                               |
|                       | AC | 6,444,622       | 09/2002 | Balasubramaniam |       |          |                               |
|                       | AD | 6,492,306       | 12/2002 | Sivik et al.    |       |          |                               |
|                       | AE |                 |         |                 |       |          |                               |
|                       | AF |                 |         |                 |       |          |                               |
|                       | AG |                 |         |                 |       |          |                               |
|                       | AH |                 |         |                 |       |          |                               |
|                       | AI |                 |         |                 |       |          |                               |
|                       | AJ |                 |         |                 |       |          |                               |
|                       | AK |                 |         |                 |       |          |                               |

  

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|                          | AM |                 |      |         |       |          |             |    |
|                          | AN |                 |      |         |       |          |             |    |
|                          | AO |                 |      |         |       |          |             |    |
|                          | AP |                 |      |         |       |          |             |    |

  

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